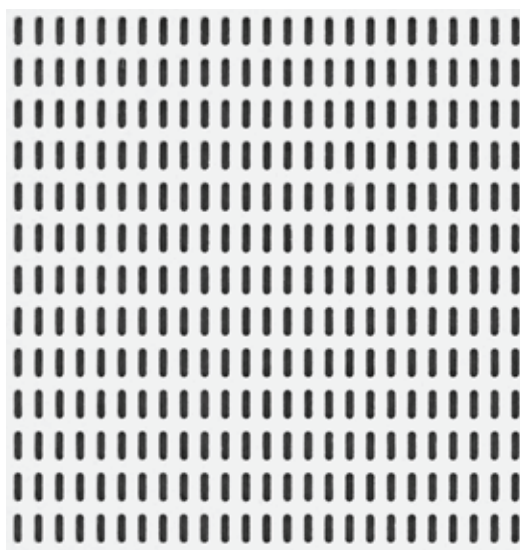


ROOM FOR EXPRESSION



KNAUF



ACOUSTICS AND
AESTHETICS UNITED



THE CHALLENGE OF PERFECTION

The creation of a room is a challenge. A challenge between aesthetics and acoustics. Between form and functionality. All these aspects are important when creating a room that gives you exactly what you need from it. But it takes knowledge and experience to bridge these gaps and create harmony.

At Knauf, we have worked side-by-side with architects for decades – and we have a profound understanding of construction materials and their potential. The sum of our competencies and longstanding experience enables us to transform ideas into reality. Your ideas. Be it standard or custom-designed, we can help you create the very room that answers all your needs.

Welcome to Room for Expression







YOUR PROJECT IS OUR PROJECT

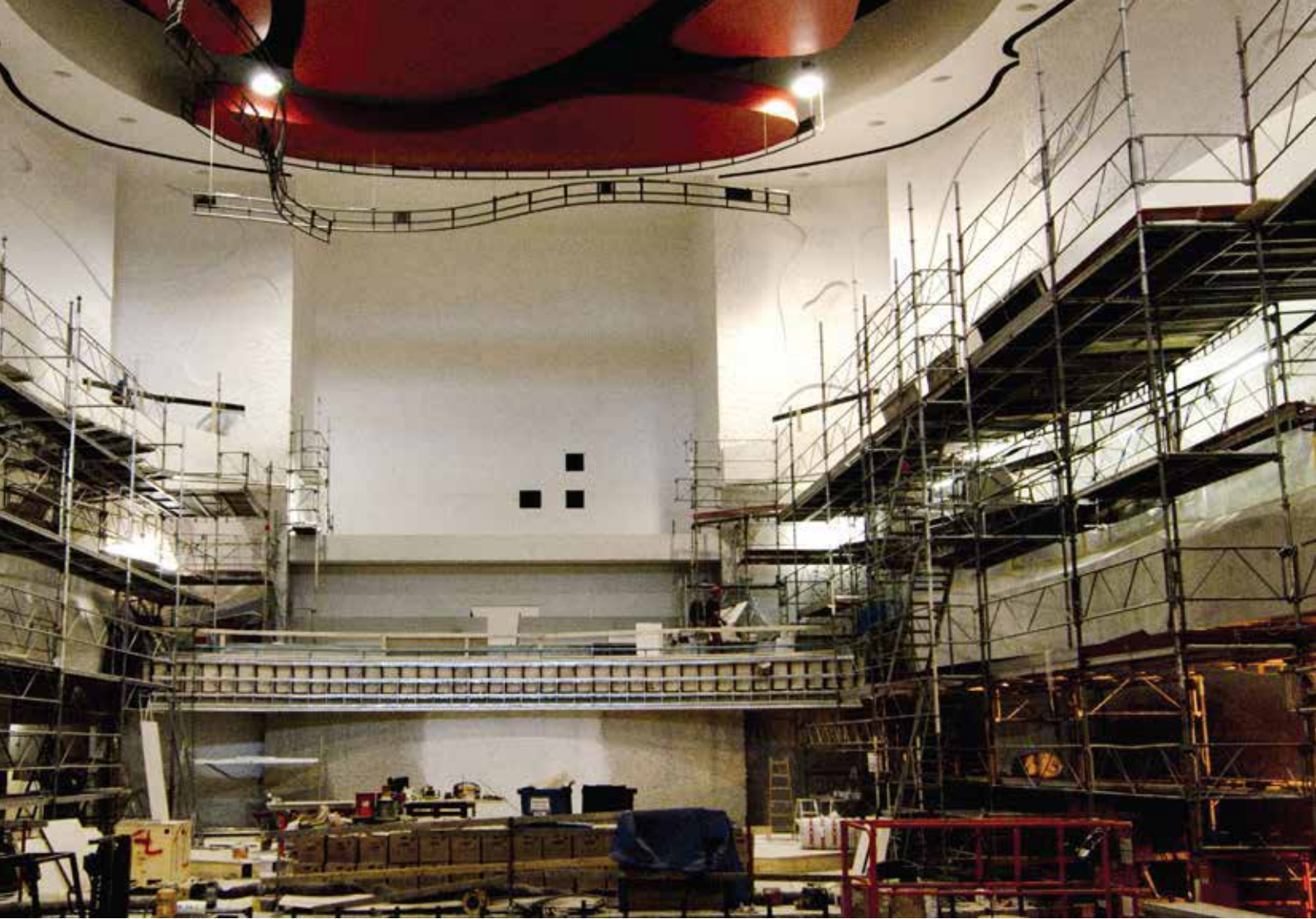
Everything begins with you. Your imagination, your needs and your comfort form the basis of your room for expression.

At Knauf we are passionate about your idea, and we are dedicated to being a part of its realisation – every step of the way.

From inspiration through creation to realisation. Every type of solution you can imagine, we will help you bring to life. We will do our utmost to understand your needs and challenges and help you realize your unique expression.

We are deeply committed through all the stages and on all levels of your project. Because your project is our project.





Project: Music House Aalborg, Denmark
Architect: Coop Himmelb(l)au, Austria
Building type: Entertainment venue
Product: CREANOVApanel

ORMOND COLLEGE - AUSTRALIA

ENSURING THE FUNCTIONALITY OF A LEARNING SPACE

Turning the MacFarland Library Building into an integrated learning hub for students was a challenging and inspiring project for all parties involved. In order to support the students in their learning, we wanted to create an acoustic environment in the open-plan learning hub that eliminated all excessive noise. The use of Knauf Cleaneo acoustic ceiling lining contributed to achieving

this goal, as it delivered the amount of sound absorption required in the large open area of the Academic Centre.

The \$3.3 million project has won numerous prestigious awards from the Victorian Chapter of the Australian Institute of Architects and the Council of Educational Facilities Planners International.

PROJECT	Ormond College
ARCHITECT	McGlashan Everist Pty Ltd
BUILDING TYPE	Educational institution
PRODUCTS	Cleaneo Circular 12/25R





A PASSION FOR ACOUSTIC COMFORT

At Knauf, optimizing room comfort is what drives us and what helps create rooms for expression. We understand your challenges, and in order to create the best solution together with you, our range of ceiling and wall materials covers a wealth of properties to meet your needs. There is room for all rooms. Room for all types of solutions you may imagine – while always keeping comfort in mind.



SHAPES

At Knauf there is room for creation. The malleability of our materials allows architects to shape the room as desired. With plane, curved or mitred construction elements we give you endless possibilities, letting shape become the key element in the architectural vision.

FIRE SAFETY

All products meet the necessary fire safety requirements. This allows you room for creativity when bringing visions to life, knowing that the safety of those within and around the building is ensured.



IMPACT AND ROBUSTNESS

Robust and versatile materials not only ensure functional and aesthetic solutions, but also improve buildings by extending their life and value.



ACOUSTICS

With Knauf acoustic materials it is possible to create acoustic solutions that match the acoustic requirements for different room types. Knauf solutions are tested by accredited acoustic laboratories and meet the national acoustic standards.



AIR QUALITY

Our goal is to ensure comfortable indoor living spaces. Knauf has, therefore, integrated an active air purification feature called Cleaneo into a wide range of its acoustic materials.



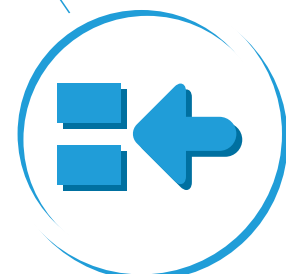
SURFACES

A variety of different surface treatments such as paint, colour impregnation, foil, veneer, perforation designs, digital print - all in one portfolio - help you realize your vision and achieve the desired expression.



SUSTAINABILITY

At Knauf we wish to contribute to ensuring sustainable development in the long term. We therefore work continuously on improving the environmental conditions and to prevent pollution by using environmentally responsible raw materials in the manufacture of our products. In addition, Knauf attaches great importance to energy efficiency, responsible use of natural resources and not least social commitment by thinking and acting responsibly.



EASY ACCESS

Demountable solutions and access panels allow effortless service and maintenance of installations in the cavity.



CEILING

PROJECT	Hilton The Squire, Frankfurt am Main
ARCHITECT	JOI Design GmbH
BUILDING TYPE	Hotel
PRODUCTS	Knauf Design Units



ENDLESS OPPORTUNITIES

No matter what you are building, we can help you create a perfect solution. This gives you the creative freedom to design and create whatever inspires you, without any restriction. We can supply all types of elements, and we can custom-design components if you require something out of the ordinary. We have the expertise to guide and assist you in finding the best way to realize your idea. There is no end to what we can do - together.



CEILING ISLANDS

PROJECT	Château du Hohlandsbourg, France
ARCHITECT	Crupi Architects
BUILDING TYPE	Cultural site & museum
PRODUCTS	Designpanel Tangent



WALLS

PROJECT	Music House Aalborg, Denmark
ARCHITECT	Coop Himmelblau
BUILDING TYPE	Entertainment venue
PRODUCTS	CREANOVApanel



PROJECT IT University
ARCHITECT Henning Larsens Tegnesteue A/S
BUILDING TYPE Educational institution
PRODUCTS Designpanel Micro

IT UNIVERSITY – DENMARK

ENSURING ACOUSTIC COMFORT IN AN OPEN, TRANSPARENT SPACE

The five-storey open atrium is the heart of the IT University in Copenhagen. The atrium is envisioned as a geometric installation with meeting rooms as “open drawers”. The idea was to create synergy and interaction in order to stimulate creativity and collaboration among students.

The acoustic challenge in the atrium entails ensuring

acoustic privacy in a fully transparent large space. It is resolved by creating shapes and structures and using acoustic materials with high level of sound diffusion. Thus Knauf’s Designpanel Micro contributes to an excellent acoustic environment in open space.



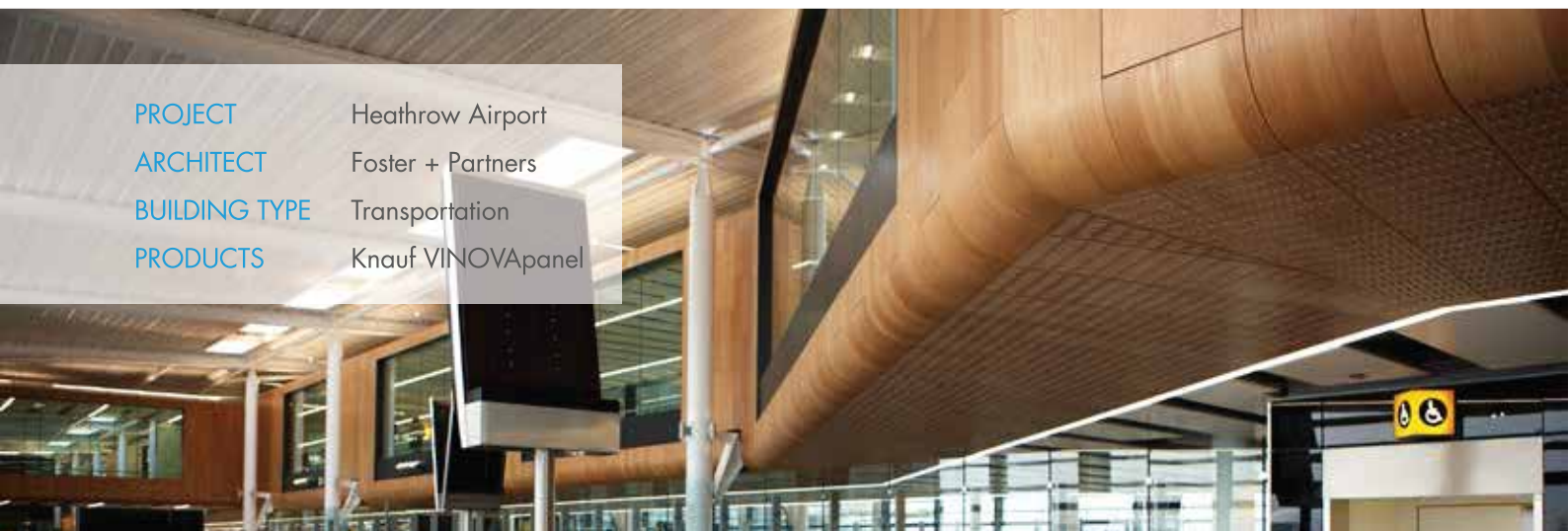
PROJECT	Dolphin lagoon, Nuremberg
ARCHITECT	Haushoch-GmbH
BUILDING TYPE	Leisure venue
PRODUCTS	Knauf Cleaneo Acoustic

DOLPHINARIUM – GERMANY

AIR BUBBLES IN GYPSUM BOARD

In the dolphinarium in Nuremberg, the acoustic ceiling employs the motif of air bubbles in sea water. The visitors observe the dolphins and sea lions under water through an enormous panorama window, while large circular recesses with diameters between 350 mm and 800 mm

place airy accents in the suspended acoustic perforated ceiling. The formation of the various circles was designed and performed with CNC moulding to ensure exact circular shapes.



PROJECT	Heathrow Airport
ARCHITECT	Foster + Partners
BUILDING TYPE	Transportation
PRODUCTS	Knauf VINOVApanel

HEATHROW AIRPORT – UK

NON-COMBUSTIBLE PRODUCTS WITH A REAL OAK VENEER FOR THE NEW AIRPORT

The redevelopment of Terminal 2 was the latest stage in a £4 billion programme to upgrade, replace and refresh facilities within and around the terminal buildings.

Terminal 2 is known as The Queen's Terminal in honour of Her Majesty The Queen, and was officially opened on her birthday, 4th June 2014.

To create the desired look and feel to the new terminal building, and at the same time to meet the strict perfor-

mance requirements demanded a high specification product.

Knauf VINOVApanel became the ideal material choice for the world-renowned Foster + Partners architectural practice. Knauf VINOVApanel is a high-density gypsum fibreboard system which provides a finished surface for walls and ceilings. The result is complete design freedom for non-combustible surfaces.



YOU HEAR SOUND BUT YOU FEEL ACOUSTICS

Good acoustics are unnoticeable. The comfort you feel, when being in a room with good acoustics, is the essence of a perfect balance between the sound you hear and the room you see. It is this combination of sound, materials and surfaces that creates great living spaces.

HERE, THERE AND EVERYWHERE

Knauf has grown into a group of companies with a strong presence in all major markets. Our close to 25.000 employees, represent many different cultures and languages, but are united in their efforts to deliver the very best service to our customers.

We are lucky enough to be part of numerous projects

and buildings all over the world – from impressive office structures and architectural masterpieces to affordable and environmentally friendly housing projects. We believe that the true testament to our success is our ability to understand the needs and challenges of our customers and help them realize their potential.

HEATHROW AIRPORT, UK

Non-combustible products with a real oak veneer.



BURJ KHALIFA, UAE

State-of-the-art ceiling aesthetics to complement the iconic architecture.



PEDIATRIC CLINIC, RUSSIA

Most modern pediatric clinic in Moscow with strong focus on acoustic comfort.



SANTIAGO COLLEGE, CHILE

Optimum acoustics combined with heating and cooling systems for children's comfort and better learning.



ACADEMIA EDGE LIFE SPORTS, BRAZIL

Unique training experience with top class acoustic solutions.



ORMOND COLLEGE, AUSTRALIA

Award-winning learning hub with excellent acoustic environment in an open-learning space.



Scan and be inspired



KNAUF